

**DECLARATION**

As a below named inventor, I declare that:

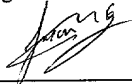
My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **WAVEFORM DIVERSITY FOR COMMUNICATION USING PULSE DECODING** the specification of which   X   is attached hereto.

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Full Name of Inventor 1:	Last Name: <b>Ng</b>	First Name: <b>Jason</b>	Middle Name or Initial: <b>Wee Peng</b>	
Residence & Citizenship:	City:	State/Foreign Country: <b>Singapore</b>	Country of Citizenship: <b>Singapore</b>	
Post Office Address:	Post Office Address: <b>20 Science Park Road, #02-34/37, TeleTech Park, Singapore Science Park II</b>	City:	State/Country: <b>Singapore</b>	Postal Code: <b>117674</b>
Full Name of Inventor 2:	Last Name: <b>Kwok</b>	First Name: <b>Yuen</b>	Middle Name or Initial: <b>Sam</b>	
Residence & Citizenship:	City:	State/Foreign Country: <b>Singapore</b>	Country of Citizenship: <b>Singapore</b>	
Post Office Address:	Post Office Address: <b>20 Science Park Road, #02-34/37, TeleTech Park, Singapore Science Park II</b>	City:	State/Country: <b>Singapore</b>	Postal Code: <b>117674</b>
Full Name of Inventor 3:	Last Name: <b>Lye</b>	First Name: <b>Kin</b>	Middle Name or Initial: <b>Mun</b>	
Residence & Citizenship:	City:	State/Foreign Country: <b>Singapore</b>	Country of Citizenship: <b>Singapore</b>	
Post Office Address:	Post Office Address: <b>335G Pasir Panjang Road</b>	City:	State/Country: <b>Singapore</b>	Postal Code: <b>118667</b>
Full Name of Inventor 4:	Last Name: <b>Joe</b>	First Name: <b>Jurianto</b>	Middle Name or Initial:	
Residence & Citizenship:	City:	State/Foreign Country: <b>Singapore</b>	Country of Citizenship: <b>Indonesia</b>	
Post Office Address:	Post Office Address: <b>20 Science Park Road, #02-34/37, TeleTech Park, Singapore Science Park II</b>	City:	State/Country: <b>Singapore</b>	Postal Code: <b>117674</b>

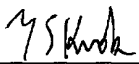

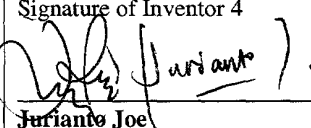
I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1



**Jason Wee Peng Ng**

Date 23/2/2001

Signature of Inventor 2

Yuen Sam Kwok
Date 23 Feb 2001
Signature of Inventor 3

Kin Mun Lye
Date 23 Feb 2001
Signature of Inventor 4

Jurianto Joe
Date 23 Feb. 2001

PA 3128132 v1

**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS  
(37 CFR 1.9(f) & 1.27(d)) - NONPROFIT ORGANIZATION**

Applicant or Patentee: Jason Wee Peng Ng et al.  
 Application or Patent No.: \_\_\_\_\_  
 Filed or Issued: Herewith  
 Title: WAVEFORM DIVERSITY FOR COMMUNICATION USING PULSE DECODING

I hereby declare that I am an official empowered to act on behalf of the nonprofit organization identified below:

Name of Nonprofit Organization: The National University of Singapore  
 Address of Nonprofit Organization: 10 Kent Ridge Crescent  
Singapore 119260

Type of Nonprofit Organization:

- ☒ University or other institution of higher education.  
☐ Tax exempt under Internal Revenue Service Code [26 USC 501(a) and 501(c)(3)].  
☐ Nonprofit scientific or educational under statute of state or the United States of America  
 (Name of State \_\_\_\_\_).  
☐ Would qualify as tax exempt under Internal Revenue Service Code [26 USC 501(a) and 501(c)(3)] if located in the United States  
 of America.  
☐ Would qualify as nonprofit scientific or educational under statute of state of the United States of America if located in the United  
 States of America  
 (Name of State \_\_\_\_\_)  
 (Citation of statute \_\_\_\_\_).

I hereby declare that the nonprofit organization identified above qualifies as a nonprofit organization as defined in 37 CFR 1.9(e) for purposes of paying reduced  
 fees to the United States Patent and Trademark Office regarding the invention, entitled WAVEFORM DIVERSITY FOR COMMUNICATION USING PULSE  
 DECODING by inventors Jason Wee Peng Ng, Yuen Sam Kwok, Kin Mun Lye, and Jurianto Joe described in:

- ☒ the specification filed herewith;  
☐ Application No. \_\_\_\_\_, filed \_\_\_\_\_;  
☐ Patent No. \_\_\_\_\_, issued \_\_\_\_\_.

I hereby declare that rights under contract or law have been conveyed to and remain with the nonprofit organization regarding the above identified invention.

If the rights held by the nonprofit organization are not exclusive, each individual, concern or organization having rights in the invention is listed below\* and no  
 rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person made  
 the invention, or by any concern that would not qualify as a small business concern under 37 CFR 1.9(d), or a nonprofit organization under 37 CFR 1.9(e).

\*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their  
 status as small entities. (37 CFR 1.27)

Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
☐ Individual ☐ Small Business Concern ☐ Nonprofit Organization

Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
☐ Individual ☐ Small Business Concern ☐ Nonprofit Organization

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying,  
 or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR  
 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and  
 further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both,  
 under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing  
 thereon, or any patent to which this verified statement is directed.

**PROFESSOR LYE KIN MUN**

**Director**

**CENTRE FOR WIRELESS COMMUNICATIONS**

Name of Person Signing: \_\_\_\_\_  
 Title in Organization of Person Signing: \_\_\_\_\_  
 Address of Person Signing: 10 Kent Ridge Crescent  
Singapore 119260

Signature:  Date: 23 Feb 2001

**POWER OF ATTORNEY BY ASSIGNEE**

**The National University of Singapore** located at 10 Kent Ridge Crescent, Singapore, 119260 is the Assignee of the invention entitled: Waveform Diversity for Communication Using Pulse Decoding, the specification of which is attached hereto.

Assignee hereby appoints the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

**Kenneth R. Allen, Reg. No. 27,301**  
**George B. F. Yee, Reg. No. 37,478**  
**Steve Y. Cho, Reg. No. 44,612**  
**J. Matthew Zigmant, Reg. No. 44,005**

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Direct Telephone Calls to:  
(Name, reg. no., tele. no.)

George B. F. Yee  
Reg. No.: 37,478  
(650) 326-2400

**THE NATIONAL UNIVERSITY OF SINGAPORE**

Date: 23 Feb 2001

By:  (Signature)

Name: **PROFESSOR LYE KIN MUN**  
**Director**  
Title: **CENTRE FOR WIRELESS COMMUNICATIONS**